



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

NC
NCD 986166726

35344

*** ENFORCEMENT CONFIDENTIAL ***
*** FOIA EXEMPT ***
*** DO NOT RELEASE ***

MEMORANDUM

DATE: JUN 01 1993

SUBJECT: Decision Not Pursue Cost Recovery Action
Currituck Phosphorus Debris Site
Currituck, North Carolina

FROM: Carmen J. Santiago-Ocasio, Enforcement Project Manager
Cost Recovery Section - North Unit
Waste Programs Branch
Waste Management Division

TO: Joseph R. Franzmathes, Director
Waste Management Division

A. Site Description - Superfund Site ID Number: NCD986166726

Currituck Phosphorus Debris ("the site") is located on Point Harbor, Currituck County, North Carolina. Point Harbor is located on the North Carolina Coast west side of the Wright Memorial Bridge and lies on the eastern coastal plain.

In January 1989, a private citizen reported an undetonated phosphorus marker shell that was washed onto the Point Harbor bulk head during an ocean storm surge. Such shells emit white smoke when detonated, and are routinely used by the U.S. Navy and Coast Guard during training exercises. Unless lost, undetonated shells were retrieved following these exercises.

B. Work Authorized and Conducted and Associated Costs:

Bill Klutz, EPA OSC, presented to the site, on January 20, 1989, after a phone call he received regarding a live Navy phosphorus shell which washed up on the beach in Currituck County. Klutz contacted the Coast Guard, the shell was sand-packed in a drum, and within a short period of its discovery, the drum was removed by U.S. Navy personnel from Norfolk, VA. At the same time, Navy personnel removed a 5 gallon can of naval jelly which had washed to shore.

The total cost amount associate with the site is \$534.85.

C. Discussion of Basis Not To Pursue Cost Recovery:

No releases of hazardous substances or injuries occurred as a result of the incident. The OSC, at that time, Mr. Bill Klutz, recommended no further action at this site.

Since the total cost amount spent at the site was \$534.85 it is not economically feasible to pursue a cost recovery action on this site.

The Decision Not to Pursue Cost Recovery Action was not reviewed by the Office of Regional Counsel (ORC), pursuant to current guidance documents and an agreement between Cost Recovery and ORC. According to the agreement, in cases where government expenditures are less than \$5,000.00 and where there are no outstanding legal issues, review by ORC is not required.

D. Conclusion:

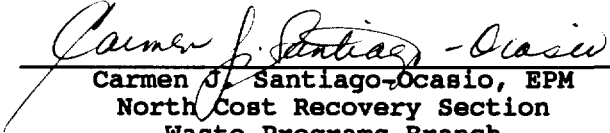
This site is a result of an undetonated shell left after training exercises were done by the U.S. Navy or the Coast Guard. The shell was found intact and no releases of hazardous substances or injuries occurred as a result of the incident. Given that just \$534.85 were spent at the site is the Region's decision not to pursue cost recovery action since:

a) presently we have limited resources and, b) the costs of pursuing any cost recovery would exceed the present expenditure and the tax payers would bear the burden of all costs since the likely responsible party is a federal agency. The statute of limitation for a cost recovery action after the removal expired in 1992. (Attached SCORES Report)


Decision Not to Pursue Cost Recovery Action
Currituck Phosphorus Debris
EPA ID#: NCD986166726

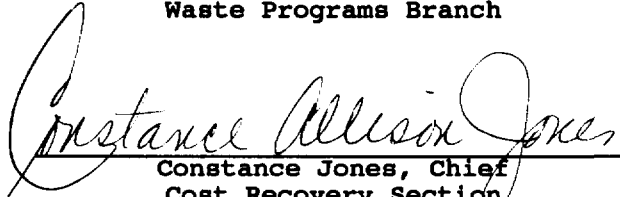
Concurrence Page

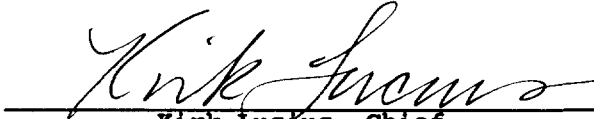
Reviewer:

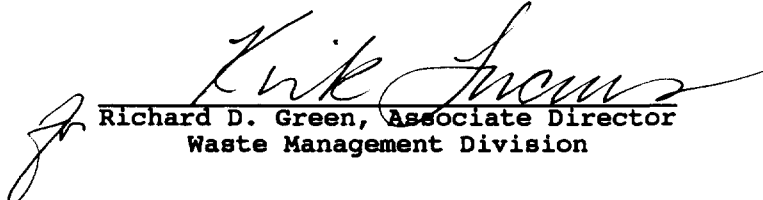

Carmen J. Santiago-Ocasio, EPM
North Cost Recovery Section
Waste Programs Branch

Concur


Ron D. Wilson, Chief
North Cost Recovery Section
Waste Programs Branch


Constance Jones, Chief
Cost Recovery Section
Waste Programs Branch


Kirk Lucius, Chief
Waste Programs Branch


Richard D. Green, Associate Director
Waste Management Division


Joseph R. Franzmathes, Director
Waste Management Division

HAZARDOUS SUBSTANCE RESPONSE CURRITUCK PHOSPHORUS NC #4TFP
 MONITORING REPORT BY ALLOWANCE HOLDER, SITE NUMBER AND ACTIVITY CODE
 FMD OBJECT CLASSES (EXCLUDING OBJ CLASSES '11', '12' & '13')
 SALARIES & FRINGE THRU MAY 13, 1993
 PREPARED BY ACCOUNTING OPERATIONS AND REPORTING TEAM

SFO 22 DURHAM

AH SITE RC	A C T Y	DOC CONTRL NUMBER	ACCOUNT NUMBER	OBLIG DOCUMENT NUMBER	MAJ OBJT OC CLAS	SOC.SEC.NO. (TRAVEL)	TRAVELER NAME	CUMULATIVE OBLIGATIONS CURRENT+PRIOR	CUM PAYMENTS (EXCLUDING ADVANCES)	UNPAID OBLIGATIONS
4AD	FP	E	DH0046	9TFA4ADEFP	0074044082	25	2535			
							TOTAL SFATY	1,000.00 1,000.00	370.64 370.64	629.36 629.36
							TOTAL SFSITENO	1,000.00	370.64	629.36
							TOTAL AHRC	1,000.00	370.64	629.36
							TOTAL SFO	1,000.00	370.64	629.36

05-13-93

ENVIRONMENTAL PROTECTION AGENCY

PAGE 2

HAZARDOUS SUBSTANCE RESPONSE CURRITUCK PHOSPHORUS NC #4TFP
MONITORING REPORT BY ALLOWANCE HOLDER, SITE NUMBER AND ACTIVITY CODE
FMD OBJECT CLASSES (EXCLUDING OBJ CLASSES '11', '12' & '13')
SALARIES & FRINGE THRU MAY 13, 1993
PREPARED BY ACCOUNTING OPERATIONS AND REPORTING TEAM

AH SITE A	DOC	ACCOUNT	OBLIG	MAJ OBJT	SOC. SEC. NO.	TRAVELER	CUMULATIVE	CUM PAYMENTS	UNPAID
RC	C CONTRL	NUMBER	DOCUMENT	OC CLAS	(TRAVEL)	NAME	OBLIGATIONS	(EXCLUDING	OBLIGATIONS
	T NUMBER		NUMBER				CURRENT+PRIOR	ADVANCES)	
	Y								
GRAND TOTAL							1,000.00	370.64	629.36

READY
EXEC 'FMSY.CLIST(CLSP0978)'
IKJ56274A ENTER INPUT JOB STREAM:
IKJ56250I JOB OFASPUR(JOB17304) SUBMITTED
READY
END

[illegible]

05-13-93

ENVIRONMENTAL PROTECTION AGENCY

PAGE 1

FY 81 THRU 93 PAYROLL REPORT FOR HAZ SUB RESP REGION 4
PAY PERIOD REPORT FOR CURRITUCK PHOSPHRUS NC #4TFP
THRU PP 16 MAY 1, 1993
PREPARED BY ACCOUNTING OPERATIONS AND REPORTING UNIT

SFSITENO FP
AHRC 04D

NAME	SOC SEC #	SOF	P P	ACCT 2T4	A C T Y	PAYR HOURS	PAYR AMOUNT	TRANS DATE
MILLER,	407565005	2	11	TGB	5	2.0	50.21	030392
				TOTAL SOF		2.0	50.21	
				TOTAL SSN		2.0	50.21	
				TOTAL AHRC		2.0	50.21	

05-13-93

ENVIRONMENTAL PROTECTION AGENCY

PAGE 2

FY 81 THRU 93 PAYROLL REPORT FOR HAZ SUB RESP REGION 4
PAY PERIOD REPORT FOR CURRITUCK PHOSPHRUS NC #4TFP
THRU PP 16 MAY 1, 1993
PREPARED BY ACCOUNTING OPERATIONS AND REPORTING UNIT

SFSITENO FP
AHRC 04D

NAME	SOC	SEC #	SOF	P P	ACCT 2T4	A C T Y	PAYR HOURS	PAYR AMOUNT	TRANS DATE
TOTAL SFSITENO							2.0	50.21	

05-13-93

ENVIRONMENTAL PROTECTION AGENCY

PAGE 3

FY 81 THRU 93 PAYROLL REPORT FOR HAZ SUB RESP REGION 4
PAY PERIOD REPORT FOR CURRITUCK PHOSPHRUS NC #4TFP
THRU PP 16 MAY 1, 1993
PREPARED BY ACCOUNTING OPERATIONS AND REPORTING UNIT

NAME	SOC	SEC #	SOF	P P	ACCT 2T4	A C T Y	PAYR HOURS	PAYR AMOUNT	TRANS DATE
GRAND TOTAL							2.0	50.21	

READY
EXEC 'FMSY.CLIST(CLSPSFPY)'
IKJ56274A ENTER INPUT JOB STREAM:
IKJ56250I JOB OFASPUR(JOB17698) SUBMITTED
READY
END

PAGE 1
REPORT DATE: 05/13/93

FINAL IFMS RECONCILIATION PENDING

ITEMIZED COST SUMMARY REPORT
CURRITUCK PHOSPHORUS, NC SITE ID = 4-FP

COSTS FROM 10/01/69 THROUGH 04/30/93

REGIONAL PAYROLL COSTS	\$ 50.21
HEADQUARTERS PAYROLL COSTS	0.00
EPA INDIRECT COSTS.....	114.00
REGIONAL TRAVEL COSTS.....	0.00
HEADQUARTERS TRAVEL COSTS.....	0.00
EMERGENCY REMOVAL CLEANUP (ERC) CONTRACT	
O. H. MATERIALS (68-01-7404).....	370.64

TOTAL SITE COSTS:

\$ 534.85
=====

PAGE 1
REPORT DATE: 05/13/93

FINAL IFMS RECONCILIATION PENDING

REGIONAL PAYROLL COSTS
CURRITUCK PHOSPHORUS, NC SITE ID = 4-FP

FROM PAY PERIOD 01 OF FISCAL YEAR 1970
THROUGH PAY PERIOD 15 OF FISCAL YEAR 1993

Employee Name	Fiscal Year	Pay Period	Office	Payroll Hours	Payroll Amount
MILLER, HERBERT E., JR.	92	11	04D	2.00	50.21
				-----	-----
				2.00	50.21
REGIONAL PAYROLL COSTS				-----	-----
				2.00	\$50.21
				=====	=====

PAGE 1
REPORT DATE: 05/13/93

FINAL IFMS RECONCILIATION PENDING

HEADQUARTERS PAYROLL COSTS
CURRITUCK PHOSPHORUS, NC SITE ID = 4-FP

FROM PAY PERIOD 01 OF FISCAL YEAR 1970
THROUGH PAY PERIOD 15 OF FISCAL YEAR 1993

Employee Name	Fiscal Year	Pay Period	Office	Payroll Hours	Payroll Amount
				-----	-----
HEADQUARTERS PAYROLL COSTS				0.00	0.00
				=====	=====

PAGE 1
REPORT DATE: 05/13/93

FINAL IFMS RECONCILIATION PENDING

REGIONAL TRAVEL COSTS
CURRITUCK PHOSPHORUS, NC SITE ID = 4-FP

FROM 10/01/69 THROUGH 04/30/93

Name	Travel Voucher Number	Treasury Schedule	Treasury Schedule Date	Travel Cost
------	-----------------------------	----------------------	------------------------------	----------------

REGIONAL TRAVEL COSTS

\$ 0.00
=====

PAGE 1
REPORT DATE: 05/13/93

FINAL IFMS RECONCILIATION PENDING

HEADQUARTERS TRAVEL COSTS
CURRITUCK PHOSPHORUS, NC SITE ID = 4-FP

FROM 10/01/69 THROUGH 04/30/93

Name	Travel Voucher Number	Treasury Schedule	Treasury Schedule Date	Travel Cost
HEADQUARTERS TRAVEL COSTS				0.00
				=====

FINAL IFMS RECONCILIATION PENDING

CURRITUCK PHOSPHORUS, NC SITE ID = 4-FP

FROM 10/01/69 THROUGH 04/30/93

EMERGENCY REMOVAL CLEANUP (ERC) CONTRACT

CONTRACTOR : O. H. MATERIALS

CONTRACT NUMBER : 68-01-7404

DELIVERY ORDER INFO	: Delivery No.	Start Date	End Date
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4082 / / / /

PROJECT OFFICER :

DATES OF SERVICE : FROM / / TO / /

SUMMARY OF SERVICE :

TOTAL COSTS : \$ 370.64

DOCUMENTATION : Copies of Applicable Paid Vouchers and Treasury Schedules

VOUCHER NUMBER	VOUCHER DATE	VOUCHER AMOUNT	TREASURY SCHEDULE NUMBER AND DATE		SITE AMOUNT
	/ /	0.00	08904	07/10/89	370.64

NORTH
CAROLINA

DEHNR/DSWM

JUN 13 RECD '90

File
1.8

NFRAP
6/13/90
K. Cain

Kelly Cain

Currituck Phosphorous
NCD 986166726

Preliminary Assessment
May 1990

By: Mark Durway
Hydrogeologist
Superfund Section
Division of Solid Waste Management



JUN 13 REC'D 90

State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

May 21, 1990

Mr. Robert Morris
EPA N.C. CERCLA Project Officer
U.S. EPA Region IV
345 Courtland Street, NE
Atlanta, GA 30365

Subject: Preliminary Assessment Report

Site: Currituck Phosphorous
NCD 986166726
Point Harbor, Currituck Co., NC 27929

Dear Mr Morris:

Provided herewith is the Preliminary Assessment package for the subject site. This assessment is based on information from persons who responded to the emergency at this site.

In February 1990, an undetonated phosphorous marker shell was washed onto the Point Harbor bulk head during an ocean storm surge. (Point Harbor is located on the North Carolina Coast west of Kitty Hawk on the west side of the Wright Memorial Bridge). Such shells emit white smoke when detonated, and are routinely used by the U.S. Navy and Coast Guard during training exercises. Unless lost, undetonated shells are retrieved following these exercises.

According to Donnie Beacham of the Currituck County Emergency Services office, a private citizen reported the shell, and it was safely removed shortly after its discovery by Kenny Mercer of the Coinjock Coast Guard Station in Currituck, NC. Bill Klutz of U.S. EPA Region IV, who was also present during the incident, confirmed that the shell was properly handled upon being recovered, although he indicated that Navy personnel from Norfolk, Va. removed the shell. Klutz indicated that the Navy personnel also removed a five-gallon can of naval jelly which had been found. Neither Beacham nor Klutz had written reports on the incident.

Mr. Robert Morris
May 21, 1990
Page 2

No releases of hazardous substances or injuries occurred as a result of the incident according to Beacham and Klutz. For this reason, No Further Action is recommended at this site.

Please contact me at 919/733-2801, if additional information is required.

Sincerely,

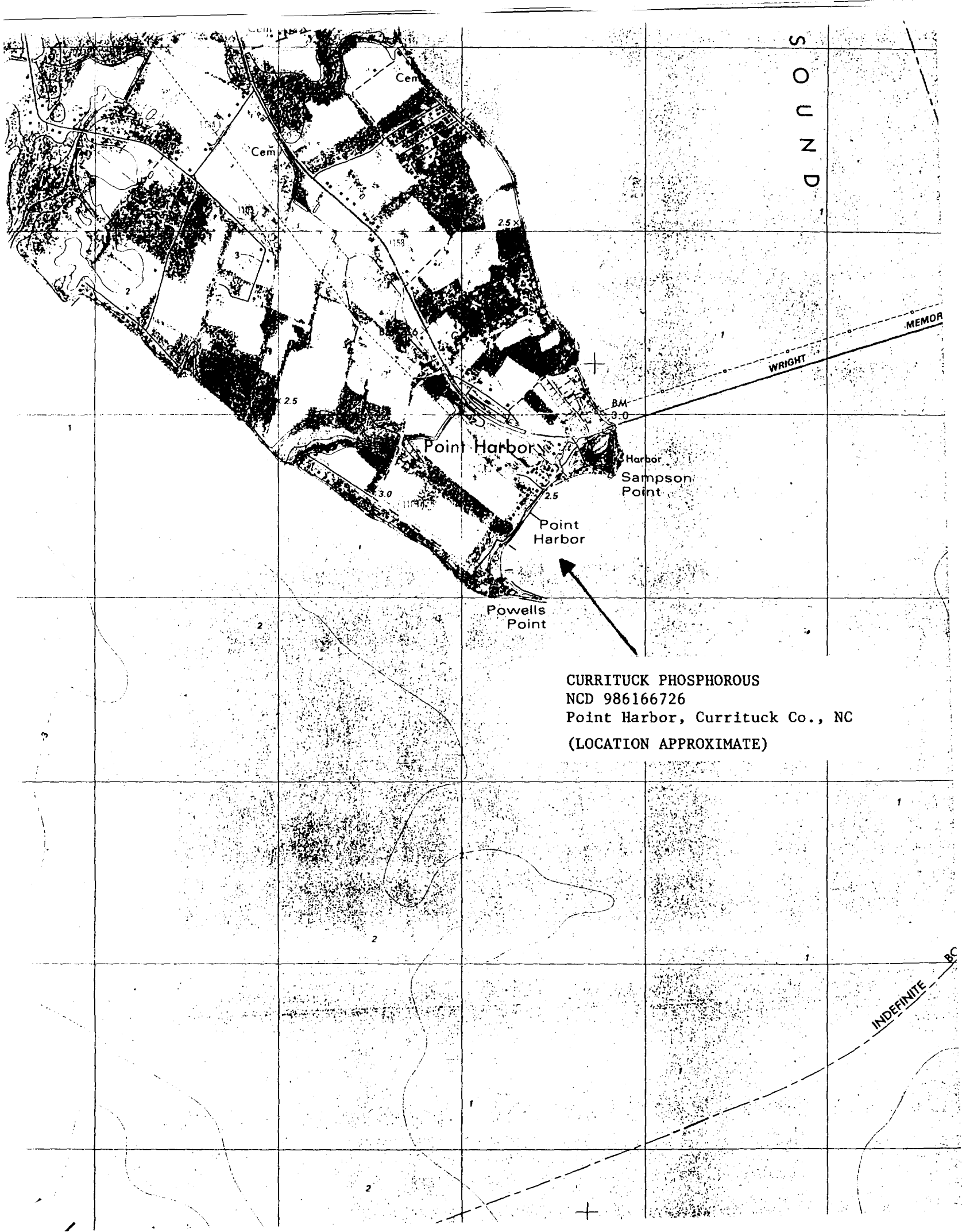
D. Mark Durway

D. Mark Durway, Hydrogeologist
Superfund Section

DMD/currituc.pa

References

- 1) Durway, D.M., file memo regarding information from Bill Klutz of U.S. EPA Region IV, 4-23-90.
- 2) Durway, D.M., file memo regarding information from Donnie Beacham of Currituck County Emergency Services, 4-24-90.



CURRITUCK PHOSPHOROUS
NCD 986166726
Point Harbor, Currituck Co., NC
(LOCATION APPROXIMATE)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE NCD 02 SITE NUMBER 986166726

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) CURRITUCK PHOSPHOROUS		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
03 CITY POINT HARBOR	04 STATE NC	05 ZIP CODE 27929	06 COUNTY CURRITUCK	07 COUNTY CODE 27	08 CONG DIST
09 COORDINATES LATITUDE 36° 04' 30"		LONGITUDE 75° 47' 30"			
10 DIRECTIONS TO SITE (Starting from nearest public road) From Kitty Hawk, travel west to Point Harbor on the Wright Memorial Bridge.					

III. RESPONSIBLE PARTIES

01 OWNER (If known) U.S. Navy or U.S. Coast Guard (assumed)		02 STREET (Business, mailing, residential)			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER ()		
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE					

IV. CHARACTERIZATION OF POTENTIAL HAZARD

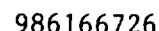
01 ON SITE INSPECTION <input type="checkbox"/> YES DATE ____/____/____ MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input checked="" type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input checked="" type="checkbox"/> F. OTHER: <u>Currituck Emergency Mgmt.</u> (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION occurred February 1990 BEGINNING YEAR _____ ENDING YEAR _____			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Undetonated phosphorous marker shell washed ashore following a Navy or Coast Guard training exercise.					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Shell was safely removed and disposed of by Kenny Mercer of the Coinjock Coast Guard Station in Currituck Co. No releases of hazardous substances or injuries resulted. Bill Klutz of U.S. EPA was present during shell removal.					

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (inspection required promptly) <input type="checkbox"/> B. MEDIUM (inspection required) <input type="checkbox"/> C. LOW (inspection on time available basis) <input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT Donnie Beacham		02 OF (Agency/Organization) Currituck Co. Emergency Services Dept.		03 TELEPHONE NUMBER (919) 232-2115	
04 PERSON RESPONSIBLE FOR ASSESSMENT D. Mark Durway		05 AGENCY N.C. DEHNR	06 ORGANIZATION Superfund	07 TELEPHONE NUMBER (919) 733-2801	08 DATE 5, 21, 90 MONTH DAY YEAR



☐ 1. HIGHLY VOLATILE
☐ 2. EXPLOSIVE
☐ 3. REACTIVE
☐ 4. INCOMPATIBLE
☐ 5. NOT APPLICABLE

EPA FORM 2070-13 (7-81)

April 23, 1990

To: File

From: D. Mark Durway

Re: Information from Bill Klutz regarding the Currituck phosphorous shell incident of February 1990.

Bill Klutz of EPA Region IV (404/347-3931) was conducting remedial work at FCX in Greenville when he received a phone call regarding a live Navy phosphorous shell which washed up on the beach in Currituck County. Klutz contacted the Coast Guard, the shell was sand-packed in a drum, and within a short period of its discovery, the drum was removed by U.S. Navy personnel from Norfolk, VA. At the same time, Navy personnel removed a 5 gallon can of naval jelly which had washed to shore. (Naval jelly is a corrosive).

Klutz indicated that no contamination of soil or water occurred as a result of this incident, and that a formal response report was not written.

The site where the shell was discovered is referred to by the U.S. EPA as Currituck Phosphorous (NCD 986166726). The EPA spill number for the site, assigned 2/21/90, is 04FP.

DMD/currituc.1

April 24, 1990

To: Currituck Phosphorous file (NCD 986166726)
From: D. Mark Durway
Re: Information from Donnie Beacham regarding phosphorous
marker flare that washed up at Point Harbor,
Currituck Co.

Donnie Beacham of the Currituck County Emergency Services Office (919/232-2115) told me that an undetonated phosphorous marker shell was flipped up onto a bulk head at Point Harbor in February 1990. (Point Harbor is located west of Kitty Hawk at the west end of the Wright Memorial Bridge). Beacham contacted Kenny Mercer of the Coinjock Coast Guard Station, who took and disposed of the shell.

According to Beacham, marker shells are dropped from planes during Navy and Coast Guard training exercises, and are supposed to detonate upon impact with the ocean. Unless lost, undetonated shells are retrieved following training exercises.

Donnie Beacham's address is as follows:

Currituck County Emergency Services Office
P.O. Box 240
Currituck, NC 27929

DMD/currituc.2



State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

May 21, 1990

Mr. Robert Morris
EPA N.C. CERCLA Project Officer
U.S. EPA Region IV
345 Courtland Street, NE
Atlanta, GA 30365

Subject: Preliminary HRS Score for Preliminary Assessment

Site: Currituck Phosphorous
NCD 986166726
Point Harbor, Currituck Co., NC 27929

Dear Mr Morris:

Please find attached the preliminary HRS score, score sheets, and a reference list for the subject site.

Please contact me at 919/733-2801, if additional information is required.

Sincerely,

D. Mark Durway

D. Mark Durway, Hydrogeologist
Superfund Section

Attachments

DMD/currituc.hrs

PRELIMINARY HRS SCORE FOR PRELIMINARY ASSESSMENT

Facility name:	CURRITUCK PHOSPHOROUS (NCD 986166726)		
Location:	Point Harbor bulk head, Currituck Co., NC		
EPA Region:	IV		
Person(s) in charge of the facility:	Donnie Beacham		
	Currituck Co. Emergency Services		
	tel. (919) 232-2115		
Name of Reviewer:	D. Mark Durway	Date:	4/24/90
General description of the facility:			
(For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)			
In February 1990, an undetonated phosphorous marker			
flare was flipped up by the sea onto a bulk head. The			
flare was safely removed and disposed of by the U.S.			
Coast Guard. No releases of hazardous substances or			
injuries occurred as a result of this incident.			
Scores: $S_M = 0$ ($S_{gw} = 0$ $S_{sw} = 0$ $S_a = 0$)			
$S_{FE} = 0$			
$S_{DC} = 0$			

FIGURE 1
HRS COVER SHEET

Ground Water Route Work Sheet											
Rating Factor	Assigned Value (Circle One)		Multi-plier	Score	Max. Score	Ref. (Section)					
1 Observed Release	0	45	1	0	45	3.1					
If observed release is given a score of 45, proceed to line 4 . If observed release is given a score of 0, proceed to line 2 .											
2 Route Characteristics						3.2					
Depth to Aquifer of Concern	0	1	2	3	2	6					
Net Precipitation	0	1	2	3	1	3					
Permeability of the Unsaturated Zone	0	1	2	3	1	3					
Physical State	0	1	2	3	1	3					
Total Route Characteristics Score					15						
3 Containment	No release occurred	0	1	2	3	1	0	3	3.3		
4 Waste Characteristics						3.4					
Toxicity/Persistence	0	3	6	9	12	15	18	1	18		
Hazardous Waste Quantity	0	1	2	3	4	5	6	7	8	1	8
Total Waste Characteristics Score										26	
5 Targets						3.5					
Ground Water Use	0	1	2	3	3	9					
Distance to Nearest Well/Population Served	0	4	6	8	10	1	40				
	12	16	18	20							
	24	30	32	35	40						
Total Targets Score										49	
6 If line 1 is 45, multiply 1 x 4 x 5											
If line 1 is 0, multiply 2 x 3 x 4 x 5						0	57,330				
7 Divide line 6 by 57,330 and multiply by 100						$S_{gw} = 0$					

REFS

1

FIGURE 2
GROUND WATER ROUTE WORK SHEET

Surface Water Route Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi- plier	Score	Max. Score	Ref. (Section)	
1 Observed Release	0 45	1	0	45	4.1	
If observed release is given a value of 45, proceed to line 4 . If observed release is given a value of 0, proceed to line 2 .						
2 Route Characteristics					4.2	
Facility Slope and Intervening Terrain	0 1 2 3	1		3		
1-yr. 24-hr. Rainfall	0 1 2 3	1		3		
Distance to Nearest Surface Water	0 1 2 3	2		6		
Physical State	0 1 2 3	1		3		
Total Route Characteristics Score				15		
3 Containment	No release occurred	0 1 2 3	1	0	3	
4 Waste Characteristics					4.4	
Toxicity/Persistence	0 3 6 9 12 15 18	1		18		
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8		
Total Waste Characteristics Score				26		
5 Targets					4.5	
Surface Water Use	0 1 2 3	3		9		
Distance to a Sensitive Environment	0 1 2 3	2		6		
Population Served/Distance to Water Intake Downstream	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1		40		
Total Targets Score				55		
6 If line 1 is 45, multiply 1 x 4 x 5						
If line 1 is 0, multiply 2 x 3 x 4 x 5			0	64,350		
7 Divide line 6 by 64,350 and multiply by 100			$S_{sw} = 0$			

REFS

1

FIGURE 7
SURFACE WATER ROUTE WORK SHEET

Air Route Work Sheet												
Rating Factor	Assigned Value (Circle One)		Multi-plier	Score	Max. Score	Ref. (Section)						
1 Observed Release	0	45	1	0	45	5.1						
Date and Location:												
Sampling Protocol:												
If line 1 is 0, the $S_a = 0$. Enter on line 5 . If line 1 is 45, then proceed to line 2 .												
2 Waste Characteristics						5.2						
Reactivity and Incompatibility	0	1	2	3	1	3						
Toxicity	0	1	2	3	3	9						
Hazardous Waste Quantity	0	1	2	3	4	5	6	7	8	1	8	
Total Waste Characteristics Score						20						
3 Targets						5.3						
Population Within 4-Mile Radius	0		9		12		15		18		1	30
Distance to Sensitive Environment	0	1	2	3							2	6
Land Use	0	1	2	3							1	3
Total Targets Score						39						
4 Multiply 1 x 2 x 3						0	35,100					
5 Divide line 4 by 35,100 and multiply by 100					$S_a = 0$							

REFS

FIGURE 9
AIR ROUTE WORK SHEET

	s	s ²
Groundwater Route Score (S _{gw})	0	0
Surface Water Route Score (S _{sw})	0	0
Air Route Score (S _a)	0	0
$S_{gw}^2 + S_{sw}^2 + S_a^2$		0
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2}$		0
$\sqrt{S_{gw}^2 + S_{sw}^2 + S_a^2} / 1.73 = S_M =$		0

FIGURE 10
WORKSHEET FOR COMPUTING S_M

Fire and Explosion Work Sheet						
Rating Factor	Assigned Value (Circle One)		Multi- plier	Score	Max. Score	Ref. (Section)
1 Containment	1	3	1		3	7.1
waste removed						
2 Waste Characteristics						7.2
Direct Evidence	0	3	1		3	
Ignitability	0	1 2 3	1		3	
Reactivity	0	1 2 3	1		3	
Incompatibility	0	1 2 3	1		3	
Hazardous Waste Quantity	0	1 2 3 4 5 6 7 8	1		8	
Total Waste Characteristics Score					20	
3 Targets						7.3
Distance to Nearest Population	0	1 2 3 4 5	1		5	
Distance to Nearest Building	0	1 2 3	1		3	
Distance to Sensitive Environment	0	1 2 3	1		3	
Land Use	0	1 2 3	1		3	
Population Within 2-Mile Radius	0	1 2 3 4 5	1		5	
Buildings Within 2-Mile Radius	0	1 2 3 4 5	1		5	
Total Targets Score					24	
4 Multiply 1 x 2 x 3				0	1,440	
5 Divide line 4 by 1,440 and multiply by 100				SFE = 0		

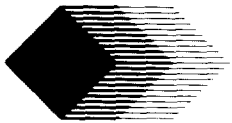
**FIGURE 11
FIRE AND EXPLOSION WORK SHEET**

Direct Contact Work Sheet						
Rating Factor	Assigned Value (Circle One)	Multi- plier	Score	Max. Score	Ref. (Section)	
1 Observed Incident	.0 45	1	0	45	8.1	
If line 1 is 45, proceed to line 4 If line 1 is 0, proceed to line 2						
2 Accessibility	0 1 2 3	1		3	8.2	
3 Containment	0 15	1	0	15	8.3	
4 Waste Characteristics Toxicity	0 1 2 3	5		15	8.4	
5 Targets					8.5	
Population Within a 1-Mile Radius	0 1 2 3 4 5	4		20		
Distance to a Critical Habitat	0 1 2 3	4		12		
Total Targets Score				32		
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5			0	21,600		
7 Divide line 6 by 21,600 and multiply by 100			SDC = 0			

FIGURE 12
DIRECT CONTACT WORK SHEET

References

- 1) Durway, D.M., file memo regarding information from Bill Klutz of U.S. EPA Region IV, 4-23-90.
- 2) Durway, D.M., file memo regarding information from Donnie Beacham of Currituck County Emergency Services, 4-24-90.

**OHM****Duplicate****INVOICE**

REMIT TO: P.O. BOX 74070-S
CLEVELAND, OHIO 44194

O.H. MATERIALS CORP.
16406 U.S. Route 224 East
P.O. Box 551
Findlay, Ohio 45839-0551

Phone: 419-423-3526
800-537-9540 (24 hr)
800-537-5660 (in Ohio)
Telex: 298248 OHMI UR (RCA)

DIRECT INQUIRIES TO:

PAGE NO: 1
INVOICE NO: 6873-001
TERMS: NET 30

May 15 1989

2

USEPA Region IV
Deputy Project Officer,
345 Courtland St. N.E.
Atlanta, GA 30365

ATTENTION: Fred Stroud, DPO

CONTRACT NO: 68-01-7404
DELIVERY ORDER NO: 7404-04-082

RE: O.H. MATERIALS CORP. Project No.6873 CURRITUCK NC

Attached is a partial invoice for services rendered in accordance with contract No: 68-01-7404 and delivery order NO: 7404-04-082 located at the CURRITUCK PHOSPHORUS SITE site in CURRITUCK NC

If there are any questions regarding the following substantiation please call Jim Leonard at 1-800-537-9540 Extension 4278.

Invoice Recap

	Current -----	Cumulative -----
Personnel Total	370.64	370.64
Equipment Total	0.00	0.00
Field Purchases Total	0.00	0.00
Subcontractors Breakdown -----		
Per Diems	0.00	0.00
Sampling and Analysis	0.00	0.00
Transportation Services	0.00	0.00
Disposal Services	0.00	0.00
Material Purchases	0.00	0.00
Subcontracted Services	0.00	0.00
Subcontractors Total -----	0.00	0.00
Invoice Total =====	370.64 =====	370.64 =====

Personnel Summary

Date	Regular Hours	Overtime Hours	Sunday Holiday Hours	Total Personnel Cost
-----	-----	-----	-----	-----
01/20/89	0.00	8.00	0.00	370.64
*** Total ***	0.00	8.00	0.00	370.64

DATE: 11/11/2010
 CUSTOMER'S CERTIFICATION
 I hereby certify that my knowledge and belief
 as shown on the invoice have
 been performed and are accepted ✓

6/20/89 Date *W. J. Stutz* On Scene Coordinator
For: \$370.64

Page No: 3
Invoice No: 6873-001

Billing History

Previous Billings	0.00
This Billing	370.64

Total Billings to Date	370.64
Current Ceiling Amount	1000.00

Current Amount Open	629.36
	=====

Page No. 4
05/15/89

Personnel Billing
Delivery Order No. 7404-04-082
Invoice No. 6873-001

Date	Contractor Code	Employees Name	CLIN No.	Work Classification	Regular Hours	Regular Rate	Overtime Hours	Overtime Rate	Sunday Holiday Hours	Sunday/ Holiday Rate	Total Personnel Cost	Cost From 1900.55	Audit Diff.	Audit Code	Audit Type
** Contractors Name: O. H. MATERIALS															
01/20/89	0999	STEELE, E.	018	Lab Technician	0.00	30.88	8.00	46.33	0.00	52.18	370.64	370.64	0.00	A	
** Subtotal **					0.00		8.00		0.00		370.64	370.64	0.00		
*** Total ***					0.00		8.00		0.00		370.64	370.64	0.00		

Audit Code

A --- Agrees with the 1900.55
D --- Disagrees with the 1900.55

Audit Type

D-1 Extension Error
D-2 Hours Calculation Error
D-3 Wrong Rate Used
D-4 Per Diems Billed as a O.D.C.
D-5 Rounding Error
D-6 Credit for Previous Invoice

Page No. 1
05/13/89

Field Purchases "Await Billing" List

Vendors		Work Description	Estimated		Estimated Last		Last
Project Invoice			Await	Estimated	Total O.H.M.	O.H.M.	
Number	Date	Vendors Name	Bill	G&A 12%	Await Bill Invoice #	Inv. Date	
-----	-----	-----	-----	-----	-----	-----	-----
*** Total ***			0	0	0		

Page No. 1
05/13/89

Subcontractors "Await Billing" List

Vendors		Vendors Name	Work Description	Estimated		Estimated Last		Last
Project Invoice				Await	Estimated	Total	O.H.M.	O.H.M.
Number	Date			Bill	G&A 12%	Await Bill	Invoice #	Inv. Date
-----	-----	-----	-----	-----	-----	-----	-----	-----
*** Total ***				0	0	0		

INVENTORY PRICE LIST
JUNE 1, 1988 TO DECEMBER 31, 1988 •

INITIAL

CHARGE CODE	DESCRIPTION	U/M	PRICE
60000	12 X 12 PLACARDS (ALL)	EA	\$0.28
60000	4 X 4 CORROSIVE STICKER	EA	\$0.03
60000	4 X 4 EXPLOSIVE-A	EA	\$0.03
60000	4 X 4 EXPLOSIVE-B	EA	\$0.03
60000	4 X 4 EXPLOSIVE-C	EA	\$0.03
60000	4 X 4 FLAMMABLE LIQUID	EA	\$0.03
60000	4 X 4 FLAMMABLE SOLID STICKER	EA	\$0.03
60136	4 X 4 PCB LABEL	EA	\$0.38
60000	4 X 4 POISON STICKER	EA	\$0.03
60000	6 X 6 HAZARDOUS WASTE	EA	\$0.19
60138	6 X 6 PCB LABEL STICKER	EA	\$0.40
60000	9 X 9 PCB LABEL STICKER	EA	\$0.57
60000	ABSORBENT ALL PURPOSE 50LB BG	BG	\$4.61
60000	ACID BIBS (ALL SIZES)	EA	\$18.30
60000	ACID COATS (ALL SIZES)	EA	\$21.14
60000	ACID COVERALLS W/BOOTS/GLOVES	EA	\$90.11
60000	ACID HOODS H-501	EA	\$133.66
60000	ACID KING HOOD-FACE SHIELD	EA	\$3.03
60100	ACTIVATED CARBON, 55 LB. BAG	BG	\$52.75
60202	ANTI-FOG MSA 13016	EA	\$1.58
60027	BOOTIES, VINYL	PR	\$1.58
60022	BOOTS-CHEMICAL WADERS (ALL SIZES)	PR	\$46.38
60020	BOOTS-CHEST WADERS (ALL SIZES)	PR	\$34.39
60016	BOOTS-ROBARS (ALL SIZES)	PR	\$12.35
60018	BOOTS-TINGLEY/NEOPRENE #1540	PR	\$21.69
60082	BROOM-36" BREAKER #60-203	EA	\$20.47
60084	BROOM-UPRIGHT 62-2637	EA	\$5.38
60000	CAUTION TAPE 3" X 1000 FT	RL	\$13.50
60117	CLOTH DUCT TAPE 2" X 60 YARDS	RL	\$3.03
60030	DISPOSABLE HOODS 542	EA	\$0.53
60019	DISPOSABLE POLY BOOT B-175	EA	\$0.30
60000	DISPOSABLE SCOOPS	EA	\$0.49
60028	DISPOSABLE SUITS SARAN COATED XLG	EA	\$10.44
60028	DISPOSABLE SUITS SARAN COATED XXLG	EA	\$11.48
60028	DISPOSABLE SUITS SARAN COATED XXXLG	EA	\$12.34
60029	DISPOSABLE TYVEK SUITS X-LG	EA	\$2.78
60029	DISPOSABLE TYVEK SUITS XX-LG	EA	\$3.05
60029	DISPOSABLE TYVEK SUITS XXX-LG	EA	\$3.14
	DRUMS	EA	QPO-FP
60094	DRUM GASKETS	EA	\$1.26
60096	DRUM LINERS	EA	\$7.57
60091	FLOOR SQUEEGES - 36"	EA	\$22.72
60032	FULL-FACE SHIELD, CLEAR	EA	\$3.85
60034	FULL-FACE SHIELD, TINTED W1042B	EA	\$4.73
60005	GLOVE-NITRILE	PR	\$1.10
60000	GLOVE-VITON	PR	\$29.66
60003	GLOVE-WIZARD LINER	EA	\$17.67
60004	GLOVES-ACID N-54	PR	\$7.36
60008	GLOVES-COTTON	PR	\$0.58
60006	GLOVES-PVC 13-152L	PR	\$2.86
60002	GLOVES-SAMPLE X-LG	EA	\$0.05

INVENTORY PRICE LIST
JUNE 1, 1988 TO DECEMBER 31, 1988 *

-111HL

CHARGE CODE	DESCRIPTION	U/M	PRICE
60104	GRAVEL 1/4" X 1/8"-100 LB. BAG	BG	\$2.02
60092	HIGH-TACH-GASKET SPRAY DRUM	EA	\$3.39
60134	HOSE-GARDEN 5/8" I.D. X 50FT	EA	\$15.78
60140	LABEL-HAZARDOUS WASTE	EA	\$0.16
60069	LABELS-SAMPLE	RL	\$6.31
60114	LIME HYDRATED 50LB BAG	BG	\$4.32
60090	LUMBER CRAYON #496	EA	\$0.44
60164	MARKER-MEANSTREAK	EA	\$1.63
60000	PENETONE - PCB CLEANER	GL	\$8.20
60071	PH PAPER-WIDE RANGE 1-12	RL	\$4.44
60000	PLACARD, CHLORINE	EA	\$0.03
60000	PLACARD, DANGEROUS WHEN WET 4X4	EA	\$0.05
60000	PLACARD, FLAMMABLE GAS 4X4	EA	\$0.05
60000	PLACARD, HAZARDOUS WASTE-PCB	EA	\$0.27
60000	PLACARD, IRRITANT	EA	\$0.03
60000	PLACARD, ORGANIC PEROXIDE	EA	\$0.03
60000	PLACARD, OXIDIZER	EA	\$0.03
60000	PLACARD, POISON GAS	EA	\$0.03
60000	PLACARD, RADIOACTIVE I 4X4	EA	\$0.03
60000	PLACARD, RADIOACTIVE II 4X4	EA	\$0.03
60000	PLACARD, RADIOACTIVE III 4X4	EA	\$0.03
60116	POOL LINERS-12,000 GAL	EA	\$164.06
	POOL LINERS-50,000 GAL	EA	QPO-FP
60010	RAIN BIBS (ALL SIZES)	EA	\$2.55
60010	RAIN JACKETS (ALL SIZES)	EA	\$2.56
60080	RAKE-GARDEN R-15	EA	\$16.92
60080	RAKE-LEAF #SL-22	EA	\$7.64
60000	RECORDER BOOK 56-700	EA	\$9.97
60053	RESPIRATOR CARTRIDGES R-59-AO	PR	\$8.39
60044	RESPIRATOR CARTRIDGES R-53-HE	PR	\$8.39
60000	RESPIRATOR CARTRIDGES R-54-HE	PR	\$9.94
60050	RESPIRATOR CARTRIDGES R-57-A	PR	\$5.74
60054	RESPIRATOR CARTRIDGES R-91-A	PR	\$8.39
60000	RESPIRATOR FILTERS R-30	PR	\$5.05
60126	ROPE-POLYPROPYLENE 1/2" 600FT	RL	\$40.93
60122	ROPE-POLYPROPYLENE 1/4" 600FT	RL	\$12.05
60124	ROPE-POLYPROPYLENE 3/8" 600FT	RL	\$26.77
60068	SAMPLE DIP TUBES	BX	\$44.17
60064	SAMPLE JARS-16 OZ	EA	\$1.02
60062	SAMPLE JARS-8 OZ	EA	\$0.85
60066	SAMPLE JARS-QUART	EA	\$1.44
60070	SAMPLE STRING 10006	RL	\$1.10
60106	SAND #650 - 100 LB. BAG	BG	\$2.65
60087	SCRAPER-LONG HANDLED 6" #05C	EA	\$13.91
60088	SCRUB BRUSH, LONG HANDLED	EA	\$2.59
60089	SCRUB BRUSH, SHORT HANDLE	EA	\$1.45
60072	SHOVEL FLAT LONG HANDLE C2LS	EA	\$12.66
60076	SHOVEL FLAT SHORT HANDLE	EA	\$14.51
60074	SHOVEL POINTED LONG HANDLE	EA	\$11.62
60078	SHOVEL POINTED SHORT HANDLE	EA	\$18.34
60110	SODA ASH LITE 100LB BAG	BG	\$22.72
60144	SORBENT DIAPERS 156	BN	\$44.17

INVENTORY PRICE LIST
JUNE 1, 1988 TO DECEMBER 31, 1988 •

INITIAL

CHARGE CODE	DESCRIPTION	U/M	PRICE
60148	SORBENT SAUSAGE 270	BN	\$114.84
60146	SORBENT SWEEPS 126	BN	\$55.84
60000	SWEEPING COMPOUND 50LB BOX	BX	\$13.25
60132	TRASH BAGS, ROLLED	RL	\$1.89
60000	VERMICULITE	EA	\$8.58
60112	VISQUEEN 24' X 100' X 4 MIL	RL	\$27.76
60143	WIRE, TIE	RL	\$2.15

• REVISED APRIL 28, 1988



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

ACTION MEMORANDUM

Date: FEB 21 1989

Subject: Emergency Removal At the Currituck Phosphorus Debris Site
Currituck, North Carolina

From: Bill Klutz
On-Scene Coordinator

To: Files

PURPOSE

This memorandum is for authorization to proceed with an emergency removal action for \$2,145 at the Currituck Phosphorus Debris Site, Currituck, North Carolina. Due to its proximity to nearby residents and the presence white phosphorus this site poses a substantial threat to the public by direct contact with the material.

BACKGROUND

A. Incident or Site Description:

1. Physical Location: The material was located within the City limits of Currituck. The local Emergency Service personnel with the county had moved a phosphorus flare and a five gallon container to the emergency command post adjacent to the county Courthouse. The city of Currituck is located in the Northeast corner of North Carolina and lies on the Currituck Sound.
2. The site lies on the eastern coastal plain. Its topography is flat with only slight deviations. The articles were originally found on the beach at Currituck by the county emergency services director.
3. There were no waste management activities being utilized at the site other than isolation being used by the local authorities.

B. Quantity and Types of Substances Present

The isolated articles consisted of:

- (a) one five gallon container marked corrosive and having the markings; NAVA NORF, indicating U.S. Navy, Norfolk, Virginia.
- (b) one metallic cylinder approximately sixteen inches long and three inches in diameter. The label on the cylinder indicated that the object contained phosphorus and to contact the nearest civilian or military authorities.

C. NPL Status

Not Applicable.

THREAT

A. Threat of Exposure of Public or the Environment

The material would represent a direct contact to any individual who may come in direct contact. A corrosive liquid will cause severe burns to the skin and eyes. The phosphorus cylinder if opened or ruptured would spontaneously ignite with contact with air. The temperature of the flame would approach 4000 degrees Fahrenheit.

PROPOSED PROJECT

A. Objectives of the Project

The objective of the project are to secure the hazardous substances and arrange for pickup by the nearest military authorities or use EPA's emergency contractor to provide explosive expertise to destroy the phosphorus by fire in an isolated location.

Project Cost

Extramural Cost	
Cleanup Contractor Cost	\$ 1,000
TAT Cost	500
Subtotal	1,500
Contingency @15%	225

Total Extramural Cost	\$ 1,725
-----------------------	----------

Intramural Cost

Direct Intramural Cost	\$ 150
Indirect Intramural Cost	270

Total Indirect Cost	\$ 420
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TOTAL SITE BUDGET	\$ 2,145
-------------------	----------

C. Project schedule:

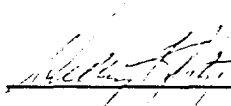
Begin: January 20, 1989
End: February 28, 1989

D. Consistency with Remedial Plan

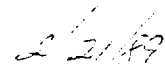
Not Applicable

REGIONAL DETERMINATION

Because conditions at the Currituck Phosphorus Site meet the NCP Section 300.65 criteria for a response action, I as On-Scene Coordinator, Authorize expenditure not to exceed \$2,145 through the procurement authority delegated to me under Authority number 87-26-A008-B004



William Klutz
On-Scene Coordinator
Emergency Response and Control Section



Date

Procurement Request/Order		1. Name of Originator Bill Klutz		2. Date of Requisition	
		3. Mail Code	4. Telephone Number 404/347-3931	5. Date Item Required	
6. Signature of Originator <i>[Signature]</i>		7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase			
8. Detk To (Project Manager) Bill Klutz		9. Address 345 Courtland Street N.E. Atlanta, Georgia 30365		10. Mail Code 404/347-3931	
12. Financial Data 68-20X8145	a. Appropriation U.S. EPA, Region IV		b. Servicing Finance Office Number		NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"
..... FMO Use (c) (13 digits)	D T (d)	Document Control Number (e) (6 digits) DHCC46	Account Number (f) (10 digits) 9TFA4ADEPP	Object Class (g) (4 digits) 25.35	Amount (h) Dollars 1,000 Cents
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)			14. Amount of money committed is: <input checked="" type="checkbox"/> Original <input type="checkbox"/> Increase <input type="checkbox"/> Decrease		15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No
16. Approvals					
a. Branch/Office Superfund/Richard D. Stonebraker		Date 1/26/89		d. Property Management Officer/Designee	
b. Division/Office Waste/Patrick M. Tobin		Date		e. Other (Specify) Budget/Fred Williams	
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official) AMS Carla Endsley		Date 1/26/89		f. Other (Specify) Lee C. Dethius for R. Administrator/Greer C. Tidwell	
18. Order Number 7-04-04-082		19. Contract Number 68-01-7401		20. Discount Terms	
21. FOB Point		22. Person Taking Order/Quote and Phone No.		23. Person Taking Order/Quote and Phone No.	
24. Item Description		25. Item Description			
26. Item Description		27. Item Description			
28. Item Description		29. Item Description			
30. Item Description		31. Item Description			
26. Schedule					
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	
	(Emergency) Removal action for Currituck Phosphorus Debris (#FP), Currituck, NC.				



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

DELIVERY ORDER FOR EMERGENCY RESPONSE CLEANUP SERVICES

(This delivery order is issued subject to all terms and conditions of the contract identified in Block 2.)

1. DATE OF ORDER January 14, 1989		2. CONTRACT NUMBER ON-0107494		3. ORDER NUMBER 7401-01-002	
4. TIME OF INITIAL ORDER (If initial order was verbal) (Specify Time Zone) <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM		5. DELIVERY ORDER CEILING AMOUNT (Obligated Amount) \$ 1.00			
		6. ACCOUNTING AND APPROPRIATION DATA			
		Appropriation Number 60-0001-145	Document Control No. DU004C	Account Number 9T3400 EP	Object Class 25.0.
7a. ISSUED TO: CONTRACTOR (Name, Address, and ZIP Code) J.M. Materials 16406 U.S. Rt. 224 East P.O. Box 581 Piquette, Ohio 45839-0581		8a. ISSUED BY: ORDERING OFFICE (Name, Address, and ZIP Code) William Kintz U.S. EPA 345 Courtland St. N.E. Atlanta, GA 30369			
7b. PROGRAM MANAGER (Name and Phone Number) Don Olson 404/511-1000		8b. EPA REGION/USCG DISTRICT EPA Region IV		8c. ZONE 1	
7c. RESPONSE MANAGER (Name and Phone Number) Randy Bennett		8d. ON-SCENE COORDINATOR (Name and Phone Number) William Kintz 404/507-0900			
9. RESPONSE LOCATION (Site Name and/or Address and ZIP Code) Curriculum Phosphorus Debris Box 100, Courthouse Road Cincinnati, OH 45229		10. CONTRACTOR REQUIRED ON SITE (Date and Time) (Specify Time Zone) 1989 Jns 1989 Jns 1989 Jns <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM			
		11. REQUIRED WORK COMPLETION DATE February 26, 1989			

12. STATEMENT OF WORK

The Contractor shall furnish the necessary personnel, materials, services, facilities, and otherwise do all things necessary for or incident to the performance of the work set forth below:

1. Provide Sample Bags to Sample 1). container of explosive article.
2). article containing white phosphorus
2. Provide analytical services as required.
3. Provide for disposal of items 1 and 2 as required.
4. Provide for explosive expert as required.

13. ORDERING OFFICER

NAME/TITLE William Kintz OSC	SIGNATURE 	DATE January 26, 1989
---------------------------------	---------------	--------------------------

1/1K

HAZARDOUS SUBSTANCE RESPONSE FUND CONTRACTOR COST REPORT PAGE 1

US ENVIRONMENTAL PROTECTION AGENCY
SITE NAME: ABANDONED DRUMS

CONTRACTOR:
O.H. MATERIALS

CONTRACT #
68-01-7404

CONTRACTOR PERSONNEL REPORT
EPA STANDARD FORM 1900-55

DELIVERY ORDER #
7404-04-082

DATE
01/20/89

1. EMPLOYEES ASSIGNED	2. WORK CLASSIFICATION	3. HOURLY LABOR RATES		4. TOTAL HOURS		5. TRAVEL, LODGE, & PER DIEM	6. TOTAL PERSONNL COST
		REG	OT	REG	OT		
ERCS CONTRACTOR 0999: O. H. MATERIALS							
STEELE, E.	018:LAB TECHNICIAN	30.88	46.33	0.00	8.00	0.00	370.64
							=====
							370.64

7.
TOTAL PERSONNEL COST TO DATE:
\$ 370.64

8.
TOTAL PERSONNEL COST FOR TODAY:
\$ 370.64

TOTAL ERCS COSTS TO DATE:
\$ 370.64

TOTAL DAILY ERCS COSTS:
\$ 370.64


SIGNATURE OF OSC
REPRESENTATIVE


DATE


SIGNATURE OF CONTRACTOR'S
AUTHORIZED REPRESENTATIVE


DATE

DAILY COST SUMMARY FOR 01/20/89
ABANDONED DRUMS

Page 1

Site Total	Ceilings	Balances	
ERCS: O.H. MATERIALS	1,000	1,000	
TAT:	1,000	1,000	
	0	0	
Cost Categories	Today	Total to Date	Balance (% Remaining)
1900-55 Costs:			
Personnel	370.64	370.64	
Equipment	0.00	0.00	
Unit Rate Materials	0.00	0.00	
At Cost Materials	0.00	0.00	
Subcontractors (Final Bills)	0.00	0.00	
Adjustments	0.00		
	=====	=====	
Total 1900-55 Cost	370.64	370.64	
ERCS Ceiling Balance			629.36
% ERCS Funds Remaining			63 %
TAT Costs:			
TAT Remaining Balance			0.00
% TAT Funds Remaining			0 %
EPA Costs:			
Project Total Costs:	370.64	370.64	
Project Balance Remaining			629.36
% Project Funds Remaining			63 %

O.H. Materials Corp.
1000 Holcomb Woods Parkway
Suite 112
Roswell, GA 30076
404-641-1066
FAX 404-998-5303



February 21, 1989

Mr. William Klutz
USEPA
345 Courtland Street, NE
Atlanta, GA 30365

Dear Mr. Klutz:

RE: Delivery Order #7404-04-082
Currituck Phosphorus Debris Site
Currituck, North Carolina

Enclosed for your approval and signature is the 1900-55 form
for the delivery order referred to above for the date of
January 20, 1989.

After you or your representative sign the form, please send
one signed copy back to me at the above-listed address as
soon as possible.

If you should have any questions or require any additional
information, please do not hesitate to contact me at
404-641-1066

Sincerely,

A handwritten signature in dark ink, appearing to read "Blake A. Gilley", with a long horizontal flourish extending to the right.

Blake A. Gilley
ERCS Contract Auditor

BAG:lhv

Enclosure
pc: File 6873-SJ2-85